



**Name** TODOROI Dumitru

**Title:** Univ. Prof., Dr. Hob., PhD, ARA corresponding member

**PhD (since 1968), Dr. habilitatum** (since 1985) in Applied Mathematics and Computer Sciences

**Member ARA since:** 2001

**Address:** Mihail Sadoveanu str., 4/1, apt. 301, Chisinau, MD 2044, Republic of Moldova

**Tel/message:** + 373 22 342317, Office: + 373 22 402893, Mobile: + 373 069367027

**Email:** todroi@ase.md

**Discipline:** Computer sciences

**INTERESTS:** Conscience Society, Societal Information Systems, Natural language processing, Multimedia & interfaces, Adaptable computing and user's interface design, Object & Action - oriented programming, Software development, System architecture, System networks, Operating systems and security, Computer aided education systems, Software, language and system metrics, Intelligent software agent design and development, Mobile and Distributed computing, Artificial intelligence and engineering applications, Computer graphics, Human-Machine interaction studies, techniques, and approaches, Intelligent computer communications, Multimedia, networking and visualization.

**EXPERIENCE:** SOFTWARE EXPERIENCE: Windows-2000/Me/XP/2007/2010/2013  
Products: Word , Excel, Access, PowerPiont, Outlook ; DOS Products: Word, Lotus, DBASEIV, Quattro Pro, Word Perfect, FoxPro, Corel Draw.

**TEACHING EXPERIENCE:** Courses “Computer Science”, “ XXI Century Societal Information Systems”, “Adaptable Computing”, “Adaptable Data & Knowledge bases”, “Object-Oriented programming”, “High-performance Compilers and Run-time Systems”, “JAVA Programming”, “PERL Programming Language”, “Intelligent Communications”, and “Integrated Systems” with the undergraduate, postgraduate, and PhD students of the Academy of Economic Studies of MOLDOVA, and of the ROMANIA “Al. I. Cuza” University at Iași.

#### **COMMUNITY ACTIVITIES:**

1. Deputy of the Republic of Moldova Parliament in the period from 1990 to 1994.
2. Member of the ACM SIGPLAN (1991-1994) and member of the Novosibirsk Chapter of the ACM SIGPLAN.
3. Member of Moldova Computer Science Society since 1991.
4. Chairman of the CIS ADAPTABLE COMPUTING Special Interest Group since 1982.
5. Chairman and/or Member for over 30 academic and professional symposiums, conferences and congresses Organizational and/or Program committees since 1971.
6. Referent of papers, books and technical articles for journals, publishers, symposiums, and conferences.

7. As a Graduate Faculty Fellow of the Moldova State University at Chisinau since 1973 and a Graduate Faculty Fellow of the “ Al. I. Cuza “ Romanian University at Iashi since 1993:
  - 7.1. have chaired or served on 18 Ph.D. and 41 MS thesis committees;
  - 7.2. have supervised over 230 graduate and undergraduate research projects;
  - 7.3. have supervised 23 Ph.D. and MS thesis in the areas of computer graphics, programming languages and systems, computer aided education, natural language processing, and adaptable computing.
8. President of the “XXI-st Century Societal Information Systems” Scientific Seminar of ASEM (1991- Today).
9. The 30<sup>th</sup> ARA Congress Chairman, July 5-10, 2005, Chişinău.
10. Chief of Section “XXI-st Century Societal Information Systems” of 8 Editions of International Symposiums of Young Scientists (2002- Today)
11. President of the 1-st international TELECONFERENCE of Young Scientists “Creation of Conscience Society”, April 7-8, 2012 (Chisinau, Bucharest, Cluj-Napoca, Iaşi, Chicago)
12. President of the 2-nd international TELECONFERENCE of Young Scientists “Creation of Conscience Society”, April 13-14, 2013 (Chisinau, Bucharest, Bacau, Cluj – Napoca, Iaşi, Chicago)
13. President of the 3-nd international TELECONFERENCE of Young Scientists “Creation of Conscience Society”, April 11-12, 2014 (Chisinau, Bucharest, Bacau, Cluj – Napoca, Los Angeles, Iaşi, Chicago)

#### **AWARDS**

1. Recipient of the “Grigore Moisil” Prize and Medal "Man of the year 2005" from the "Association for Economic Informatics - INFOREC", Romania
2. Recipient of the Romanian-American Academy of Arts and Sciences (ARA) Prize and Diploma, 2005, Canada
3. Recipient of the Romanian-American Academy of Arts and Sciences (ARA) Prize and Diploma, 2010, Canada
4. Recipient of the Republic Order “Ordenul Republicii” offered in 2013 by The President of the Republic of Moldova
5. Fellowship under the Scientific reunion of the special program of the Alexander von HUMBOLDT Foundation concerning the reconstruction of the South Eastern Europe “Sustainability for Humanity & Environment in the Extended connection Field Science-Economy-Policy”, 24-25 Feb. 2005, Timisoara, Romania.
6. Recipient of the Academy of Sciences of Moldova Medal “Relevant Success in Sciences and Innovations in the 1991-2005 Years”, Republic of Moldova
7. Fellowship under the 2004-2005 Microsoft individual Grant for Development of Adaptable Computing Theory and Practice Software and Hardware, Bucharest.
8. Fellowship under the 2002/2003 Individual Mobility Grant MOL0003 of Education TEMPUS Program – Cooperation with the USA & Canada, Venice, Italy and Hamburg, Germany.
9. Fellowship under the 1997/1998 Fulbright Scholar Program “Research/Lecturing Award in the United States”, Omaha, USA.
10. Recipient of the Medal “Civic merit” offered in 1996 by The President of the Republic of Moldova
11. Fellowship under the 1993/1994 Fulbright-Eccles Center Exchange Program, London, Great Britain

7.14. Recipient of the Medal “Distinction in Desfallow Land” offered in 1958 by USSR Parliament

## **PUBLICATIONS (SELECTED):**

### **A. MONOGRAPHS:**

1. Todoroi, D., Micușă, D., *Sisteme adaptabile*, Editura Alma Mater, Bacău, România, 2014, 158 pagini. ISBN 978-606-527-347-4
2. Todoroi, D., *Crearea societății conștiinței*, Materialele primei Teleconferințe Internaționale a tinerilor cercetători “Crearea Societății Conștiinței”, 7-8 aprilie 2012, Chișinău, 169 pages / coord.: Dumitru Todoroi: ASEM, ARA, UAIC, ASE. ISBN 978-9975-75-611-2.
3. Todoroi, D., *Creativity in Conscience Society*, LAMBERT Academic Publishing, Saarbrücken, Germany, 2012, 120 pages. ISBN: 978-3-8484-2335-4
4. Todoroi, D., Nazem, S., Jucan, T., Micușă, D., *Transition To A Full Information Society: Stage Development*, Working Paper No. 98-2, UNO, Omaha, USA, March 1998. - 38 p.

### **B. BOOKS and other Teaching Materials:**

1. Dumitru TODOROI, Diana MICIȘA, Gloria-Cerasela CRIȘAN, Elena NECHITA. *INFORMATICS BASES. 2<sup>nd</sup> Revised Edition.* // Editura PIM, Iași, 2008, 532 pages.
2. Dumitru TODOROI, Diana MICIȘA, Gloria-Cerasela CRIȘAN, Elena NECHITA. *BIROTICĂ. Vol.I, Ediția a 2a, revăzută și adăugită.* // EduSoft, Bacau, 2007, 254 p.
3. Dumitru TODOROI, Diana MICIȘA, Elena NECHITA, Gloria-Cerasela CRIȘAN, Simona Elena VÂRLAN. *BIROTICĂ. Vol.II. Ediția a 2a, revăzută și adăugită.* // EduSoft, Bacau, 2007, 179 p
4. Dumitru TODOROI, Diana MICIȘA, Elena NECHITA, Gloria-Cerasela CRIȘAN, Iulin Marius FURDU. *BIROTICA.* // EDUSOFT, Bacau, 2006, 319 p.
5. D. Todoroi, Elena Nechita, Gloria-Cerasela Crișan. *Baze de date pentru economiști.* // *PERFORMANTICA, Iași, Romania* 2005, 131 pages (Rom).
6. D. Todoroi, D. Micușă, E. Nechita. *INFORMATICS BASES.* // *(Teaching Aids)* // Ed. ASEM, Chisinau 2005, 301 pages. (Eng.)

### **C. SOME PUBLISHED PAPERS: (From more than 300 publications)**

1. Todoroi, D. *Empathic Conscience Society. Proc. of int. Conf. "Modelare matematică, optimizare și tehnologii informaționale"*, Vol. 1, 25-28 martie 2014, Ediția a IV-a, Chișinău, Evrica, 2014, pp. 221 – 242. ISBN 978-9975-62-364-3
2. Todoroi, D., “IQ & EQ in Conscience Society”, *Society Conscience Computers*, Volume 1, 2014, Alma Mater Publishing House, Bacău, /Honorary Editor Dumitru Todoroi, Editor in Chief Elena Nechita/, p. 25 - 40. ISSN 2359-7321, ISSN-L 2359-7321
3. Timofti, A.-M., Micușă, D., Todoroi, D., “Intelligence with Human Characters”, *Society Conscience Computers*, Volume 1, 2014, Alma Mater Publishing House, Bacău, /Honorary Editor Dumitru Todoroi, Editor in Chief Elena Nechita/, p. 201- 226. ISSN 2359-7321, ISSN-L 2359-7321
4. Todoroi, N., Micușă, D., Todoroi, D., *Creativity and Emotions of ROBO-intelligences in Conscience Society*, Proc. of the 37th Annual Congress of ARA, June 04-09, **2013**: Chișinău, ISBN 978-2-553-01662-2, Presses Internationales Politechnique, Montreal, Quebec, CANADA , pp. 526-531.
5. Todoroi, D., *Adaptable Processing: Stage Development*, Journal of Literature and Art

Studies, ISSN 2159-5836, USA, May **2013**, Vol. 3, No. 5, pp. 305-311

6. Todoroi, D., *Information Era. Information Systems in Information Based Society*, In "Economica", ISSN 1810-9136, Year XXI, nr. 1 (83), March 2013, Editorial-Polygraphic Department of ASEM, pp. 107-116

7. Todoroi, D., *Information Era. Information Systems in Knowledge and Conscience Based Societies*, In "Economica", ISSN 1810-9136, Year XXI, nr. 2 (84), June 2013, Editorial-Polygraphic Department of ASEM, pp. 119-130

8. Todoroi, D., *Creativity's Kernel Development for Conscience Society*, In Informatica Economică, Bucharest, vol. 16, no. 1/2012, pp. 70 – 86.

9. Jumir, C., Todoroi, D., *Dedication and Professionalism Creativity Tops*, Proc. of the 36<sup>th</sup> Annual Congress of ARA "Learning Without Frontiers", Bari, ITALY, Presses Internationales Politechnique, Montreal, Quebec, CANADA, May 30 - June 2, 2012, pp. 121-127.

10. Todoroi, D., *Conscience Society. Stage development*, Proc. of the 35<sup>th</sup> Annual Congress of ARA "Science and Art in Information Era", Press International Politechnique, Montreal, Quebec, Timisoara, July 6-11, 2011, pp. 264-268.

11. Todoroi, D., *Information Era. Conscience Society. Creativity*, Informatica Economică, Bucharest, vol. 15, no. 3/2011, pp.99-114.

## **CURRICULUM VITAE**

### **TODOROI DUMITRU NICOLAE**

**Prof., PhD, Dr. Habilitatum**

#### **1. POSITIONS:**

Professor (1991-Today): Academy of Economic Studies of Moldova (AESM);

Visiting Professor (1993-Today): "Al. I. Cuza" University at Iasi, Romania;

Director (2002-2006): Economic Research Center of AESM;

President (1991-Today): The AESM "XXI Century Societal Information Systems" Scientific Seminar.

President (1999-Today): The Non-Governmental Organization "Informational Environment".

Member (1983-Today): Moldova Computer Science Society.

Chairman (1983-Today): CIS Special Interest Group ADAPTABLE COMPUTING.

President (1990-Today): MOLDOVA-HUNGARY Friendship Society.

Chairman (2005): The 30<sup>th</sup> ARA Congress

#### **2. WORK:**

Address: Banulescu - Bodoni str., 59/61-607B,

Chisinau MD-2005, The Republic of Moldova.

Telephone: + (373 22) 402893

Fax: + (373 22) 221968.

e-mail: [todoroi@ase.md](mailto:todoroi@ase.md)

#### **3. HOME:**

Address: Mihai Sadoveanu str., 4 / 1 - 301,

Chisinau MD - 2044, The Republic of Moldova.

Telephone: + (373 22) 342317.

Fax: + (373 22) 465718.  
e-mail: [belinschitinca@yahoo.com](mailto:belinschitinca@yahoo.com)

**4. BORN:**

March 13, 1940. Village Untsesti, District Ungheni, The Republic of Moldova.

**5. MARRIED:**

Todoroi Zinaida Gheorghe, teacher of mathematics, PhD, Competitor; two children.

**6. EDUCATION:**

<b>Major Field of Study</b>	<b>Name of university/Organization</b>	<b>Degree</b>	<b>Date Received</b>
Mathematics/Computer Science	Moldova State University	BS	June, 1961.
Philosophy	BYCONUR Evening High School	BS	June 1993
Computer Science	USSR AS Computer Center, Moscow	MS	June, 1968.
Computer Science	Ukraine AS Cybernetic Center, Kiev	Ph.D.	June, 1982.
Computer Science	Moldova State University, Chisinau	Professor	March, 1985.
Management Information Systems	Emergence Technologies, Paris, France	Certificate in Business Education	December, 1991.
Economic Data Processing Information Systems	Academy of Economic Studies, Bucharest, ROMANIA	Certificate in Education	April, 1992.
Market Economy's Data & Knowledge Bases	World Bank Economic Institute, Chisinau, RM	Certificate in Education	November, 1994.
Societal information Systems Adaptable Tools Photo	University of Nebraska at Nebraska, USA	Certificate in Research	August 1997- April, 1998